

Notice of Allowability

Application No.

10/520,044

Examiner

Steven D. Radosevich

Applicant(s)

MALM, PETER

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/05/06.
2. ☒ The allowed claim(s) is/are 1-2, 5-22, and 26-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted:
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



GUY LAMARRE
PRIMARY EXAMINER

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Cameron, the Attorney of record, on 1/31/2007. Amendment pertains to the Abstract with follows on the next page which complies with the MPEP (section 608.01(b) [R-3] 37 CFR 1.72. Title and abstract) pertaining to the Abstract of the Disclosure.

Abstract

A method for scheduling a decoding process of coded data blocks transmitted over a link in a communication network. According to the method the coded data block is stored in a queue (71) if all decoders of a cluster (72) of iterative parallel decoders are unavailable. Wherein any of the decoders of the cluster (72) is available the first coded block of the queue (71) is moved to that decoder. Also, according to the method it is possible to combine a stored coded block with a retransmitted coded block, which is decoded with an increased probability for successful decoding. Also, the invention relates to a communication apparatus adapted for carrying out the method according to the invention.

DETAILED ACTION

Claims 1-39 are present for examination. Claims 3-4, 23-24, and 39 have been canceled by the applicant within the instant response from the applicant filed on 10/05/2006. The canceled claim (3-4, 23-24, and 39) may not be given further consideration within this instant examination since it has been acknowledged that they have been canceled.

Allowable Subject Matter

Claims 1-2, 5-22, and 26-38 are allowed.

The following is an examiner's statement of reasons for allowance:

The present invention pertains to a decoding method for transmitted coded data that is transmitted over a wireless communication network.

The subject matter within independent claims 1 and 19 recites features such as: A NACK-report transmitted to a transmitter of a coded data block if a time limit is reached before the stored coded data block transmitted is moved to any decoder of a decoder cluster.

The prior arts of record teaches a NACK-report (or the like) being transmitted to a transmitter of a coded data block or a NACK-report (or the like) being interpreted by the transmitter of a coded data block if a time limit is reached before a response is received by a receiver verifying reception of a data block wherein reception or no-reception is dependent upon the success of decoding the coded data block transmitted. The prior art however fails to teach the NACK-report (or the like) transmission to a transmitter of a

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coded data block if a time limit is reached before the coded data block that is stored is moved to any decoder of a decoder cluster before a time limit. Hence, the prior arts of record fail to anticipate or render obvious the claimed invention. Thus claims 1-2, 5-22, and 26-38 are allowable over the prior arts of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

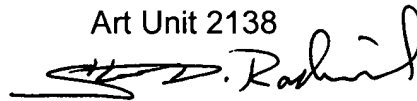
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven D. Radosevich whose telephone number is 571-272-2745. The examiner can normally be reached on 9am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on 571-272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Steven D. Radosevich
Examiner
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A handwritten signature in black ink, appearing to read "S.D. Radosevich", is written over the printed name and title.